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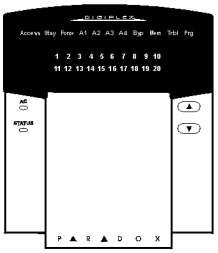
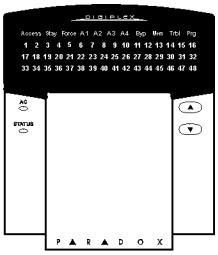
DIGIPLEX™

LISTED

Digiplex LED Keypads



DGP-620



DGP-648

User's Manual

PARADOX®
SECURITY SYSTEMS

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1.0 INTRODUCTION

Your Security System is an advanced technology security system that will provide you with reliable security protection and powerful features that are easy to use.

Since you will communicate your instructions to your system through the keypad, please read this manual carefully and have your installer explain basic system operation.

1.1 LEGEND

Indicates a warning or an important note.

Indicates useful information or tip.

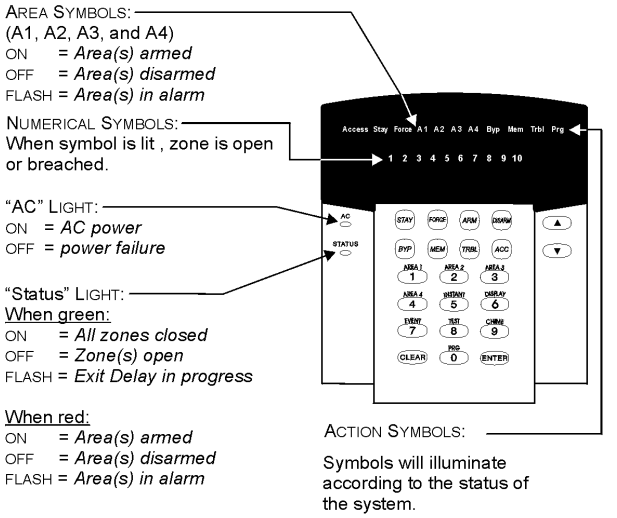
[WORD]
[NUMBER] Indicates information that must be entered on the keypad.

Italics Indicates references to features, options or sections.

2.0 BASIC OPERATION

Your security system communicates by illuminating the “AC” Light, the “Status” Light, and the various symbols on the screen as explained in Figure 2-1.

Figure 2-1: Basic Overview


AREA SYMBOLS:
(A1, A2, A3, and A4)
ON = Area(s) armed
OFF = Area(s) disarmed
FLASH = Area(s) in alarm
NUMERICAL SYMBOLS:
When symbol is lit , zone is open or breached.
"AC" LIGHT:
ON = AC power
OFF = power failure
"Status" LIGHT:
When green:
ON = All zones closed
OFF = Zone(s) open
FLASH = Exit Delay in progress
When red:
ON = Area(s) armed
OFF = Area(s) disarmed
FLASH = Area(s) in alarm
Access Stay Force A1 A2 A3 A4 Byp Mem Trbl Prg
1 2 3 4 5 6 7 8 9 10
AC
STATUS
ACTION SYMBOLS:
Symbols will illuminate according to the status of the system.

ENTER Saves current data and exits current menu.

CLEAR Erases current data entry or reverts to the preceding step.

Keypad will display the status of all its assigned area(s).

2.1 AUDITORY FEEDBACK (BEEP TONES)

When you enter information on the keypad, the keypad will guide

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you with beep tones to communicate acceptance or rejection of your entries.

Confirmation Beep: When an operation (i.e. arming/disarming) is successfully entered or when the system switches to a new status/menu, the keypad emits an intermittent beep tone ("BEEP-BEEP-BEEP-BEEP-BEEP").

Half Beep: When a step of an operation is successfully entered on the keypad, the keypad emits a short intermittent beep tone ("BEEP-BEEP-BEEP").

Rejection Beep: When reverting to a previous status, or when an operation is incorrectly entered, the keypad emits a continuous beep ("BEEEEEEEEP").

2.2 KEYPAD INDICATOR LIGHTS

On all LED Keypads, the state of the "STATUS", "AC" Lights, and Action Symbols (see Figure 2-1 page 5) represents a specific condition in your system.

2.3 LED KEYPADS

There are two versions of the LED Keypad: the 20-zone, and the 48-zone. Each keypad can be assigned to one area or many areas in a *Partitioned System*. The two keypads function in the same way and any reference to one keypad applies to each of the LED Keypads. The only difference between the versions is the number of zones that each can display.

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2.3.1 Normal Mode

When no actions are being performed on the keypad, the keypad will remain in *Normal Mode*. In *Normal Mode* the LED keypad will illuminate:

- The “AC” Light if power is present
- The Numerical Symbols representing any open zones
- The Area Symbols if any areas are armed
- The **[MEM]** Symbol if any alarms have occurred
- The **[TRBL]** Symbol if any troubles are occurring
- The **[BYP]** Symbol if zones are bypassed and show the status of the “Status” Light (see Figure 2-1,page 5)

2.3.2 Confidential Mode

The installer can program the keypads not to display the status of your system automatically by changing the LED keypad from *Normal Mode* to *Confidential Mode*. In *Confidential Mode* all the Symbols and Keypad Indicator Lights are extinguished. Depending on how your keypad was programmed by the installer, you must either press a button or enter your User Access Code to activate *Normal Mode*.

2.3.3 Backlight

The illumination behind the buttons can be modified to suit your needs.

How do I modify the Backlight?

1) Enter your **[ACCESS CODE]**.
The keypad will emit a Confirmation Beep. The [ACCESS] Symbol will flash.

2) Press the DISPLAY 6 button.
*The keypad will emit a Confirmation Beep, the **[PRG]** Symbol will illuminate, and the Numerical Symbol for the current setting will illuminate.*

3) Use the ▲ and ▼ buttons to increase or decrease the illumination.
*The range is between zero (Numerical Symbol **[10]**) and seven (Numerical Symbol **[7]**) with seven being the brightest.*

4) Press the ENTER button to save and exit.

2.4 PARTITIONED SYSTEM

Your installer can design your system to recognize up to four separate protected areas. A separated system is called a Partitioned System, which can be useful in situations where shared security systems are more practical. For example, a company that has both an office area and a warehouse area can arm and disarm each area separately and control the access to each area. Therefore, one person may have access to only one area, whereas another person may have access to all areas. Access to the areas is determined by the *User Access Code*.

2.5 AREA STATUS DISPLAY

In Area Status Display you will be able to see the status of the individual areas in a *Partitioned System* (see section 2.4).

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How do I see the status of the zones?

1) Enter your **[ACCESS CODE]**

2) Press the numbered button corresponding to the desired area:

AREA 1 1 = Area 1 AREA 3 3 = Area 3

AREA 2 2 = Area 2 AREA 4 4 = Area 4

3) The keypad will emit a Confirmation Beep and will remain in that Area's status for two minutes then return to Normal or Confidential Mode. You can perform the next desired action from Area Status Display.

In Area Status Display the following will illuminate for the area selected:

- The Area Symbol (A1, A2, A3, and A4) if the area is armed.

  For example, if you press AREA 3 3, and Area 3 is armed, **[A3]** will illuminate.
- The Numerical Symbols representing any open zones. For example, if zone 6 was open, then the Numerical Symbol **[6]** would illuminate.
- The **[MEM]** Symbol if any alarms have occurred
- The **[TRBL]** Symbol if any troubles are occurring
- The **[STAY]** Symbol if the area is Stay or Instant Armed
- The **[FORCE]** Symbol if the area is Force Armed
- The **[BYP]** Symbol if zones are bypassed
- The state of the "Status" Light

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3.0 ARMING

When the system is armed, it will respond to any breach in the zones according to the way each zone is programmed. For example, if someone opens a window that is armed, the system can trigger an alarm and alert your Security Company.

3.1 EXIT DELAY TIMER

When you arm the system, it will start the Exit Delay Timer to provide you with enough time to exit the protected area before the system is armed. The *Status Light* will flash green while the time elapses. The timer can be assigned different time limits and the keypad can be programmed to beep while the time elapses on the timer. Discuss these options with your installer.

3.2 REGULAR ARMING

This method is used for the everyday arming of the system. All zones within the protected area must be closed to arm the system. To check the status of the zones in each area, refer to section 2.5 on page 8 *Area Status Display*.

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How do I regular arm the system?

1) Enter your **[ACCESS CODE]**.
*The keypad will emit a Confirmation Beep. The **[ACCESS]** Symbol will flash.*

2) Press the ARM button.
If you have access to more than one area, press the Number Button representing the area you want to arm or **[0]** for all assigned areas.
After the Confirmation Beep, the Exit Delay Timer will begin.

If enabled by your installer, the One-Touch Buttons (section 3.6 on page 14) or a keyswitch (section 3.7 on page 15) can also be used to arm the area.

3.3 STAY ARMING

Stay Arming will partially arm your system to permit you to remain in the protected area. Based on your instructions, your installer will program specific zones as Stay Zones. These zones will not arm when you Stay Arm. For example, you can arm your doors and windows at home without arming the motion detectors so you will be protected while you sleep. Only *User Access Codes* with the *Stay and Instant Arm* option enabled can Stay Arm the system. Also, see section 3.8 on page 16 Auto-Arming for another everyday arming option.

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How do I Stay Arm?

1) Enter your **[ACCESS CODE]**.
*The keypad will emit a Confirmation Beep. The **[ACCESS]** Symbol will flash.*

2) Press (STAY) button.
If you have access to more than one area, press the Number Button representing the area you want to Stay Arm or **[0]** for all assigned areas.
After the Confirmation Beep, the Exit Delay Timer will begin the countdown to arming.

If enabled by your installer, the One-Touch Buttons (section 3.6 on page 14) or a keyswitch (section 3.7 on page 15) can also be used to arm the area.

3.4 INSTANT ARMING

This feature is similar to *Stay Arming*. Instant Arming will partially arm your system to permit you to remain in the protected area, but all zones, including the entry/exit point, are changed to instant alarm zones. Therefore, if any armed zone is breached, the alarm will instantly be triggered. Only *User Access Codes* with the *Stay and Instant Arm* option enabled will be able to Instant Arm.

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How do I Instant Arm?

1) Enter your **[ACCESS CODE]**.
*The keypad will emit a Confirmation Beep. The **[ACCESS]** Symbol will flash.*

2) Press the INSTANT 5 button.
If you have access to more than one area, press the Number Button representing the area you want to Instant Arm or **[0]** for all assigned areas.
After the Confirmation Beep, the Exit Delay Timer will begin the countdown to arming.

If enabled by your installer, the One-Touch Buttons (section 3.6 on page 14) or a keyswitch (section 3.7 on page 15) can also be used to arm the area.

3.5 FORCE ARMING

Force Arming allows you to arm your system when specific zones are open. Certain zones can be programmed by the installer to remain unarmed when you initiate Force Arming. Once the open zone is closed, however, the system will then arm it as well. Only *User Access Codes* with the *Force Arm* option enabled can Force Arm the system. Also, see section 3.8 on page 16 Auto-Arming for another everyday arming option.

This feature is commonly used when a motion detector is protecting an area that is occupied by a keypad. During Force

arming, the motion detector will remain unarmed until you exit the area that it protects. The system will then arm the motion detector.

How do I Force Arm?

1) Enter your **[ACCESS CODE]**.

2) Press the FORCE button.
If you have access to more than one area, press the Number Button representing the area you want to Force Arm or **[0]** for all assigned areas.
After the Confirmation Beep, the Exit Delay Timer will begin the countdown to arming.

If enabled by your installer, the One-Touch Buttons (section 3.6 on page 14) or a keyswitch (section 3.7 on page 15) can also be used to arm the area.

3.6 ONE-TOUCH BUTTONS

At the touch of a button you can view the *Area Status Display* (see section 2.5) for a *Partitioned System* (see section 2.4).

Press and hold:

AREA 1 (1) AREA 2 (2) AREA 3 (3) AREA 4 (4) To view each protected area in a *Partitioned System*

Your installer can also program your system to respond to

certain features with just a touch of a button. You will then have access to the following features without using your *User Access Code* by pressing and holding the desired button.

Press and hold:

- ARM — To *Regular Arm* an area
- STAY — To *Stay Arm* an area
- FORCE — To *Force Arm* an area
- DISARM — To *Disarm* a *Stay* or *Instant armed* area
- BYP — To access *Bypass Programming*
- INSTANT 5 — To *Instant Arm* an area
- DISPLAY 6 — To modify the *Backlight*

For more information concerning these features, please refer to their respective sections.

3.7 KEYSWITCH ARMING

Your installer can add a keyswitch to arm and disarm your system. The keyswitch can be programmed to *Regular*, *Stay*, *Force*, or *Instant Arm*, and *Disarm* a specific area. The keyswitch will also be programmed by the installer to function as a Maintained or Momentary keyswitch.

3.7.1 Maintained Keyswitch

To arm the system, place in the “on” position.
To disarm the system, place in the “off” position.

3.7.2 Momentary keyswitch

To arm the system, place in the “on” position briefly then place it

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back in the “off” position. Repeating this process will disarm the system.

3.8 AUTO-ARMING

You can program area(s) to arm automatically (if enabled by your installer).

3.8.1 Timed Auto-Arming

If enabled, you can set the time that an area will arm itself automatically.

How do I set the Auto-Arming timer?

1) Enter your **[ACCESS CODE]**.
*The keypad will emit a Confirmation Beep. The **[ACCESS]** Symbol will flash.*

2) Press the PRG 0 button.
*The keypad will emit a Confirmation Beep. The **[PRG]** Symbol and Area Symbol(s) will flash.*

3) Press the MEM button.
*The **[PRG]** Symbol will flash and the **[MEM]** Symbol will illuminate.*
If you have access to more than one area, the Area Symbols that you have access to will illuminate in sequence. Press the Number Button representing the area you want to arm.

4) Enter the **[TIME]** you want the area to be armed according to the 24-hour clock (i.e. 9 a.m. is 09:00 and 9 p.m. is 21:00). *The **[MEM]** Symbol will flash if a time is not already programmed. The **[PRG]** Symbol, the Area Symbol of the chosen area, and the first number of the previous time set will illuminate ([10] Symbol = zero).*

5) Press the ENTER button to save and exit.

To view the time set, instead of entering the **[TIME]** in Step 4, the first number of the time you set will illuminate. Press the ▲ button to illuminate the numbers one at a time (the Numerical Symbol **[10]** represents zero).

3.8.2 No Movement Auto-Arming

Your system can be programmed to send a report to the Security Company and/or arm the system if there is no activity in the area during a specified period of time. Speak to your installer about this feature.

3.9 BYPASS PROGRAMMING

The installer can program certain zones with the bypass option. This will enable you to program the system to bypass certain zones when you arm the protected area. When a zone is bypassed, it will remain unarmed once the system is armed. This option may be useful, for example, when you are renovating part of the protected area. The system will keep the bypassed zone(s) in memory until the area is armed. Once the area is

disarmed, the system will unbypass the zones.

To bypass a zone:
The zone must have the Bypass option programmed by the installer.
Your *User Access Code* must be programmed to enable the Bypass option.
Your *User Access Code* must have access to the zone's *Area Assignment*.

Fire Zones cannot be bypassed.

How do I activate the Zone Bypass feature for a zone?

1) Enter your **[ACCESS CODE]**.
*The keypad will emit a Confirmation Beep. The **[ACCESS]** Symbol will flash.*

2) Press the BYP button.
*The **[PRG]** Symbol will illuminate and the **[BYP]** Symbol will flash.*

3) Enter the two-digit number(s) of the zone(s) you want to Bypass and the corresponding number(s) will illuminate. If a zone's number is illuminated and you re-enter its number, the zone will unbypass and the number will extinguish.
If a zone's number does not illuminate and the keypad emits a Rejection Beep, the zone may not have the Bypass feature accessible.

4) Press the (ENTER) button to exit.
*The **[BYP]** Symbol will remain illuminated.*

3.9.1 Bypass Recall

Bypass Recall reinstates all the zones that had Zone Bypass activated the last time the system was armed.

If you have a *Partitioned System*, only the zones in the area(s) assigned to your *User Access Code* will be affected.

How do I activate Bypass Recall?

1) Enter your **[ACCESS CODE]**.
*The keypad will emit a Confirmation Beep. The **[ACCESS]** Symbol will flash.*

2) Press the (BYP) button.
*The keypad will emit a Confirmation Beep. The **[PRG]** Symbol will illuminate and the **[BYP]** Symbol will flash.*

3) Press the (MEM) button.
All zones bypassed during the last time the system was armed will illuminate and will be bypassed.

4) If you wish, re-enter the zone's number to change a bypassed zone to an unbypassed zone and vice versa.

5) Press the ENTER button to exit.

4.0 DISARMING

When the system is disarmed, the control panel deactivates the zones so the alarm will not be triggered if zones are breached. Any user can disarm the system unless their code has been assigned the *Arm Only* option.

4.1 ENTRY DELAY TIMER

Based on your instructions the installer will program designated entry points, such as the front door or the garage door, with an entry delay. This delay will allow you enough time to enter your code to disarm the system before the alarm is triggered.

4.2 DISARMING AN ARMED SYSTEM

You will only be able to disarm the area to which your *User Access Code* is assigned. *User Access Codes* with the *Arm Only* option will not be able to disarm the system.

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How do I disarm the system?

If you are disarming a *Stay* or *Instant Armed* area, use Step 2 and Step 3. For areas armed with the other arming features, use Step 1 and Step 2.

1) Enter through a designated entry.
The keypad will beep to acknowledge the entry, the Status Light will turn red, and the Entry Delay Timer will begin the countdown.

2) Enter your **[ACCESS CODE]**.

3) Press the DISARM button.
If you have access to more than one area, press the Number Button representing the area you want to disarm or **[0]** for all assigned areas.
The keypad will emit a Confirmation Beep.

If enabled by your installer, the One-Touch Buttons (section 3.6 on page 14) or a keyswitch (section 3.7 on page 15) can also be used to disarm the area.

How do I disarm the system if the alarm was accidentally triggered?

1) Enter your **[ACCESS CODE]**.

2) Call your Security Company quickly to advise them of the false alarm.

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4.3 ALARM MEMORY DISPLAY

Your system will record all the alarms that occurred during the last armed period. If an alarm was triggered in any area assigned to the keypad, the **[MEM]** Symbol will illuminate.

In case of a burglar alarm, leave the premises and call your Security Company from a safe place.

How do I view the list of the alarms that occurred?
When the **[MEM]** Symbol is illuminated:

1) Press the MEM button.
*The **[MEM]** Symbol will flash and the Numerical Symbols for each zone whose alarm was triggered will illuminate.*

2) Press the CLEAR button to exit the Alarm Memory Display.
*The **[MEM]** Symbol and Numerical Symbols will extinguish.*

The zones that were in alarm will remain in the Alarm Memory until the next time that area is armed.

5.0 ACCESS CODES

Access Codes are codes that will allow you and others to access the system. These codes can be programmed to permit access to all or some features and areas. The installer will program User

Access Codes to be four digits, six digits, or variable from one to six digits in length. Each digit can be any value between zero and nine. If the installer programmed your system to accept a variable code length, you may have to press the [ENTER] button after entering their User Access Code. Only the *System Master Code* cannot be less than 4 digits.

5.1 SYSTEM MASTER CODE (default 123456)

The System Master Code will give you access to all the features as well as the ability to add, modify, or delete any User Access Codes. We suggest that you change this code to prevent others from accessing and changing your options without authorization.

How do I change the System Master Code?

1) Enter the current **[SYSTEM MASTER CODE]**.
*The keypad will emit a Confirmation Beep. The **[ACCESS]** Symbol will flash.*

2) Press the [PRG 0] button.
*The keypad will emit a Confirmation Beep. The Area Symbols and the **[PRG]** Symbol will flash.*

3) Press the [ACC] button.
*The keypad will emit a Confirmation Beep. The Area Symbol(s) and the **[ACCESS]** Symbol will illuminate. The **[PRG]** Symbol will flash.*

4) Enter the numbers **[0]** and **[1]**.
*The keypad will emit a Confirmation Beep. The **[PRG]** Symbol and the Numerical Symbol of the first number in the code will illuminate ([10] = zero). The Area Symbols and **[ACCESS]** Symbol will extinguish.*

5) Enter a **[NEW CODE]**.
The Numerical Symbols for the next numbers in the code will illuminate one at a time as you enter the new code. When you have entered the maximum number of digits, the keypad will emit a Confirmation Beep.

6) Press the ENTER button to exit.

5.2 USER ACCESS CODES

Your system can support up to 95 User Access Codes. All codes are given a User Number between 02 and 96 (Code 01 is the *System Master Code*).
User Access Codes can be programmed with various options that will allow you to control the access to your system. Only the *System Master Code* and codes with the *Master* feature can program User Access Codes with their User Options and Area Assignment.

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How do I program a User Access Code?

1) Enter your **[ACCESS CODE]**
System Master Code or User Access Code with the Master feature only.

2) Press PRG 0 to enter the *User Programming Menu*.
*The Area Symbols of the areas assigned to your User Access Code and the **[PRG]** Symbol will flash.*

3) Press the ACC button.
*The Area Symbols of the areas assigned to your User Access Code and the **[ACCESS]** Symbol will illuminate. The **[PRG]** Symbol will continue to flash.*

4) Enter the 2-digit *User Number* (02 to 96) you want to program.
*The **[ACCESS]** Symbol will flash for an unused code. If the code is used, **[PRG]** Symbol and first number of the code will illuminate. The **[ACCESS]** Symbol and the Area Symbols will extinguish.*

5) Enter a User Code. If you do not want to change an existing one, press ▲ until you reach *User Options*.
The keypad will emit a Half Beep when it switches to User Options. Pre-existing options will illuminate.

6) Program the User Options (see section 5.3 on page 26) by turning ON or OFF the options. Once the options are programmed, press ▲ to reach the Area Assignment.
The keypad will emit a Half Beep when it switches to Area Assignment. Pre-existing assignments will illuminate.

7) Program the Area Assignment (see Table 2). Press ▼ to return to User Options or press ENTER to save and exit.
The keypad will emit a Confirmation Beep to confirm the code's acceptance.

If the keypad emits a Rejection Beep, you may have chosen an existing User Code or the Master Code used to modify or create the code does not have access to the User Options or Area Assignment programmed.

To view the code programmed, instead of entering the User Code in Step 5, the first number of the code programmed will illuminate. Press the ▲ button and the numbers will illuminate one at a time as you press the button (the Numerical Symbol **[10]** represents zero).

5.3 USER OPTIONS

Options on the User Access Codes that activate access to features.

The User Code Option or Area is considered ON when the corresponding *Numerical Symbol* is illuminated. You turn the *Numerical Symbols* ON and OFF by pressing the *Numerical Buttons* on the keypad.

Option [1] and [2]: Master Feature
When option **[1]** is OFF, the Master Feature is disabled.
When option **[1]** is ON and option **[2]** is OFF, the user can only

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modify user access codes.
When both options **[1]** and **[2]** are ON, the user has Full Master rights. The user can create or modify other user access codes, user options and Area assignment according to its own User Options and Area Assignment.

Option [3]: Duress Feature
When option **[3]** is ON, the Duress feature is enabled. The User can arm, disarm, and send a silent alarm to the Security Alarm Company. This feature is used when someone forces you to arm or disarm areas.

Option [4]: Bypass Feature
When option **[4]** is ON, the Bypass feature is enabled. This feature allows you to deactivate zones.

Option [5]: Arm Only Feature
When option **[5]** is ON, the Arm Only feature is enabled. The user can only arm assigned areas, but **CANNOT** disarm.

Option [6]: Stay & Instant Arm Feature
When option **[6]** is ON, the Stay and Instant Arm features are enabled. The user can now Stay or Instant Arm their assigned areas.

Option [7]: Force Arm Feature
When option **[7]** is ON, the Force arm feature is enabled. The user can now Force arm their assigned areas.

Option [8]: Area Access Feature
When option **[8]** is ON, the keypad will permit access to all the

areas assigned to the user access code regardless of which areas the keypad controls. When option **[8]** is OFF, the keypad will only permit access to the areas it controls.

5.4 AREA ASSIGNMENT

In a *Partitioned System* the system can be divided into four distinct protected areas. Programming access to a specific area or areas is called Area Assignment. User Access Codes are only able to perform actions (arming, disarming, etc.) in the area(s) the code is assigned.

Press button on/ off	Area Assignment
AREA 1 1 on	Access to Area 1
AREA 2 2 on	Access to Area 2
AREA 3 3 on	Access to Area 3
AREA 4 4 on	Access to Area 4
All four buttons off	Controls PGMs only (if PGMs are programmed by the installer).

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When the area's number is OFF, the User does not have access to that protected area.

5.5 ERASING ACCESS CODES

To delete existing Access Codes, press the CLEAR button in steps 5, 6, and 7 in "How do I program Access Codes" starting on page 25. Once the information is erased, press the ENTER button to save and exit.

6.0 TROUBLE DISPLAY

When your system experiences problems or is tampered with, the **[TRBL]** Symbol will illuminate. Most of the trouble conditions will be programmed by your installer to be reported directly to your Security Company (if connected). The keypad will only display troubles that occur in the area(s) to which the keypad has been assigned.

Potential troubles have been sorted into eight groups. The Group headings are listed below with a brief explanation of the potential troubles sorted within each group.

We strongly suggest that you simply inform your Security Company of the trouble and allow them to service your system.

How do I view the Trouble Display?

1) The **[TRBL]** Symbol illuminates.

2) Press the (TRBL) button.
*The **[TRBL]** Symbol will flash and the Numerical Symbol(s) representing Group heading number(s) will illuminate.*

3) Press the Numerical Symbol corresponding to the Group heading to view the specific trouble.

If your keypad is in *Confidential Mode (see section 2.3.2)*, the [TRBL] Symbol will not illuminate until you enter your User Access Code or press a button depending on how the keypad was programmed.

6.0.1 Group [1]: System

Trouble [1]: AC Failure
The control panel has detected a power failure. This means that your system is running on the back-up battery. The *AC Light* on your keypad will be turned off during a power failure. If this Trouble occurs when your establishment is not experiencing a power failure, call your Security Company for repairs.

Trouble [2]: Battery Trouble
This means the back-up battery is disconnected, needs to be recharged, or replaced.

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Trouble [5]: Bell Absent
The control panel has detected that the bell or siren is not connected.

6.0.2 Group [5]: Zone Tamper
The Numerical Symbols for the zone or zones that have been tampered with will be illuminated.

6.0.3 Group [6]: Zone Low Battery
If a wireless device's battery needs to be replaced, the Numerical Symbol for the zone that it is assigned to will be illuminated. Also, the yellow light on the device will flash to indicate this trouble.

6.0.4 Group [7]: Zone Fault
A smoke detector is experiencing a wiring problem, needs to be cleaned, or a wireless device is no longer communicating with its receiver.

6.0.5 Group [8]: Clock Loss
The time and date have been reset to the default. This is the only Trouble that we recommend that you correct.

7.0 ADDITIONAL FEATURES

7.1 PROGRAMMABLE OUTPUTS (PGMS)

Your system includes two or more programmable outputs (PGMs) that can be programmed by your installer. A PGM triggers when a predetermined event or series of events occurs

in your system. The PGMs can be programmed to reset smoke alarms, turn on light switches, open or close garage doors and much more. Ask your installer about this useful feature.

7.2 SET TIME AND DATE

How do I reset the time and date?
*When the **[TRBL]** Symbol flashes and the **[8]** Symbol is illuminated.*

1) Press the TEST 8 button.
*The **[TRBL]** Symbol will flash, the **[PRG]** Symbol and a Numerical Symbol are illuminated.*

2) Enter the hour and minutes according to a 24-hour clock (i.e. 9 a.m. is 09:00 and 9 p.m. is 21:00).
The default time will be illuminated one number at a time as you enter the correct time. The keypad will emit a Half Beep when it accepts the new time and switches to programming the date.

3) Enter the correct date according to yyyy/mm/dd.
The default date will be illuminated one number at a time as you enter the correct date. The keypad will emit a Confirmation Beep when it accepts the new date.

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4) Press the CLEAR button to exit the menu.
*If there are other Troubles with the system, the **[TRBL]** Symbol will remain illuminated until they are resolved. Contact your Security Company to effect repairs.*

7.3 PANIC ALARMS

Your system can be programmed to send an alarm to your Security Company to alert them that you require emergency assistance when you press a pre-determined combination of Number Buttons on the keypad. The three Panic Alarms can be programmed to request help from the police, a medical facility, the fire department, or anyone you wish. Ask your installer about programming these features in your system.

Emergency Panic

When you press the AREA 1 1 and AREA 3 3 buttons at the same time and hold them for two seconds, the system will generate an alarm. The alarm can be programmed to be either silent or audible according to your preference.

Auxiliary Panic

When you press the AREA 4 4 and DISPLAY 6 buttons at the same time and hold them for two seconds, the system will generate an alarm. The alarm can be programmed to be either a silent or audible according to your preference.

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Fire Panic

When you press the EVENT 7 and CHIME 9 buttons at the same time and hold them for two seconds, the system will generate an alarm. The alarm can be programmed to be either a silent or audible according to your preference.

7.4 PROGRAMMING CHIME ZONES

You can program the keypads to emit a rapid, intermittent beep whenever designated zones are opened or only when opened between certain hours. These zones are referred to as Chime Zones. Each keypad must be Chime programmed separately. Your installer can program your Chimed zones to also beep upon closure.

7.4.1 Activating a Chime Zone

How do I program a keypad to beep every time a zone opens?

1) Enter your **[ACCESS CODE]**.
*The keypad will emit a Confirmation Beep. The **[ACCESS]** Symbol will flash.*

2) Press the CHIME 9 button to enter the Chiming Menu.
*The keypad will emit a Confirmation Beep. The **[PRG]** Symbol and Area Symbol(s) will flash.*

3) Press the AREA 1 button.
*The keypad will emit a Confirmation Beep. The **[PRG]** Symbol and any already Chimed zones will illuminate.*

4) Enter the two-digit zone number(s) you want to designate as Chimed.
The keypad will emit a Confirmation Beep and the Numerical Symbol(s) corresponding to the zone(s) will illuminate. If you re-enter the number of an illuminated Numerical Symbol, the corresponding zone will unchime and the Numerical Symbol will extinguish.

5) Press the CLEAR button to exit.

7.4.2 Setting a Chime Zone time period

How do I program all the keypad's Chimed zones to beep only when they open between specific hours?

1) Enter your **[ACCESS CODE]**.
*The keypad will emit a Confirmation Beep. The **[ACCESS]** Symbol will flash.*

2) Press the CHIME 9 button to enter the Chiming Menu.
*The keypad will emit a Confirmation Beep. The **[PRG]** Symbol and Area Symbol(s) will flash.*

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3) Press the AREA 2 / 2 button.
*The keypad will emit a Confirmation Beep. The **[PRG]** Symbol and a Numerical Symbol will illuminate. The Numerical Symbol represents the first number of the previously set time ([10] Symbol = zero). When the [A2] and [A3] Symbols flash, no time is set.*

4) Enter the time you want all Chimed zones to **start** beeping when they open according to the 24-hour clock (i.e. 9 a.m. is 09:00 and 9 p.m. is 21:00).
The keypad will emit a Half Beep.

5) Enter the time you want all Chimed zones to **stop** beeping when they open according to the 24-hour clock. If you want the Chimed zones to beep every time they open, enter the same time set in Step 4.
The keypad will emit a Confirmation Beep.

6) Press the CLEAR button to exit.

7.5 QUICK FUNCTION BUTTONS

You will only need to use the Quick Function Buttons upon your installer or Security Company's request. Only the *System Master Code* or *User Access Codes* with the *Master* feature enabled will be able to access these functions.

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How do I access the Quick Function Buttons?

1) Enter your **[SYSTEM MASTER CODE]** or **[ACCESS CODE]** with Master feature

2) Press the PRG 0 button.

3) Press one of the following for the system to:

STAY button: **send** a test report to the Security Company

FORCE button: **call** the Security Company's diagnostic software.

ARM button: **answer** the Security Company's diagnostic software.

DISARM button: **cancel** the communication with the Security Company.

8.0 FIRE AND BURGLAR ALARMS

8.1 STANDARD FIRE ZONE

During a fire alarm, the bell/siren will emit an intermittent sound (BEEP-BEEP-BEEP) until silenced or reset. If the zone is a Standard Fire Zone, the system can immediately send an alert to your Security Company.

How do I disarm the system if it was accidentally triggered?

1) Enter your **[ACCESS CODE]**.

2) Call your Security Company quickly to advise them of the false alarm.

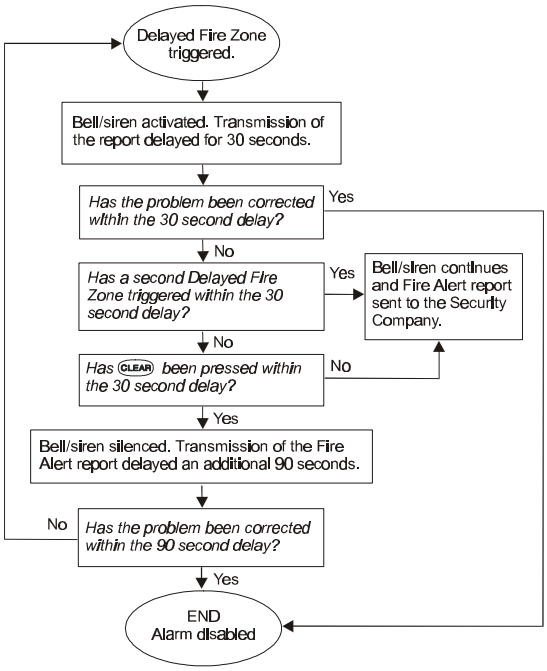
The Fire Zone may reset itself once the problem has cleared. If it does not, simultaneously press and hold the CLEAR and ENTER buttons for two seconds or speak to your installer.

8.2 DELAYED FIRE ZONE

During a fire alarm, the bell/siren will emit an intermittent sound (BEEP-BEEP-BEEP) until silenced or reset. If the zone is a Delayed Fire Zone, there is an automatic delay before the system contacts the Security Company (see Figure 8-1). This will prevent unnecessary reporting of false alarms.

If you are unable to cancel the fire alarm, the system will send an alert (if connected). Call your Security Company to advise them of the false alarm.

Figure 8-1: Delayed Fire Zone


Delayed Fire Zone triggered.
Bell/siren activated. Transmission of the report delayed for 30 seconds.
Has the problem been corrected within the 30 second delay?
Yes
No
Has a second Delayed Fire Zone triggered within the 30 second delay?
Yes
Bell/siren continues and Fire Alert report sent to the Security Company.
No
Has CLEAR been pressed within the 30 second delay?
No
Yes
Bell/siren silenced. Transmission of the Fire Alert report delayed an additional 90 seconds.
No
Has the problem been corrected within the 90 second delay?
Yes
END
Alarm disabled

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What do I do if the fire alarm is set off accidentally?

1) Press the CLEAR button within 30 seconds of the alarm.

2) Clear the problem from the area.

3) If problem remains, the alarm will sound again. Press CLEAR again. These steps will instruct the system to delay reporting the alert to the Security Company.

The Fire Zone may reset itself once the smoke has cleared. If it does not, simultaneously press and hold the CLEAR and ENTER buttons for two seconds or speak to your installer.

8.3 Fire Safety Tips

During a fire, time is the biggest enemy and every second counts! What should you do to prepare in case of a fire in your home or business?

1. Remind everyone to escape first, then call for help.
2. Develop a fire escape plan and designate a meeting place outside.
3. Practice the escape plan frequently.
4. Plan two ways to escape from every room, if possible.
5. Practice feeling the way out with eyes closed.
6. Remind everyone **never** to stand up during a fire, always crawl low under the smoke and keep mouths covered.
7. Instruct everyone never to return to a burning building for any

reason; it may cost them their life.

8. Check smoke alarms regularly; working smoke alarms dramatically increase everyone's chances of surviving a fire.

8.4 Minimizing Home Fire Hazards

How can you avoid the three most common causes of fires at home?

1. Never leave cooking food unattended. Cooking fires often result from unattended cooking and human error, rather than mechanical failure.
2. Stay alert when smoking. Careless smoking is the leading cause of fire deaths. Smoke detectors and smolder-resistant bedding and upholstered furniture are significant fire deterrents.
3. Maintain your heating system. Heating is the second leading cause of residential fires. However, heating fires are a larger problem in single family homes than in apartments. Unlike apartments, the heating systems in single family homes are often not professionally maintained.
4. Since fires produce smoke and deadly gases that can overcome occupants while they sleep, smoke detectors should be installed outside each separate sleeping area in the immediate vicinity of the bedrooms and on each additional story of the family living unit, including basements.

8.5 Burglar Alarm

If your armed system is breached, the burglar alarm devices specific to your system will be triggered. If your keypad is in

Normal Mode:

- The *Status Light* and *Area Symbol* of the area in alarm may flash red
- The keypad may beep
- The **[MEM]** Symbol will illuminate
- The bell or siren may be activated
- The zones in alarm will be recorded in the *Alarm Memory Display*.

In case of a burglar alarm, leave the premises and call your Security Company from a safe place.

9.0 TESTING AND MAINTENANCE

9.1 BURGLAR ALARM TESTING

Two people are needed to complete this test. One person will watch the keypad while the other person walks around and opens the zones (i.e. open the doors and windows that are protected, walk in the path of the motion detectors, etc.). The Numerical Symbols for the opened zones will illuminate when opened. If a zone does not register, contact your installer. Use *Area Status Display* to view the open zones in other areas assigned to the keypad. Your installer will provide details on the best way to test your particular system.

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9.2 Fire Alarm Testing

Do **NOT** use an open flame or burning materials to test your fire detection devices. Your installer will provide details on the best way to test your particular system.

9.3 System Maintenance

Under normal use your system requires virtually no maintenance other than regular testing. It is recommended that your installer change the battery every three years.

9.4 System Test

Speak to your installer before conducting a system test since the system must be programmed to respond to the test instructions. It is normally recommended that you conduct the system test once a week, but contact your installer for instructions concerning your particular system.

How do I conduct the system test?

1) Call Security Company to advise them that you are testing the system.

2) Enter your **[Access Code]**.

3) Press the TEST 8 button.
The system will test all its connections and can send a report to your Security Company. If the system detects a problem, the **[TRBL]** Symbol will illuminate (see section 6.0). Call your installer for repairs.

10.0 SYSTEM CHECKLIST

Important: Keep this information in a secure location.

10.1 ZONE DESCRIPTION

Is this a Partitioned System? Yes ☐ No ☐

Area 1 = _____

Area 2 = _____

Area 3 = _____

Area 4 = _____

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Zone # and Description	Area 1 2 3 4	Zone # and Description	Area 1 2 3 4
01:	☐☐☐☐	18:	☐☐☐☐
02:	☐☐☐☐	19:	☐☐☐☐
03:	☐☐☐☐	20:	☐☐☐☐
04:	☐☐☐☐	21:	☐☐☐☐
05:	☐☐☐☐	22:	☐☐☐☐
06:	☐☐☐☐	23:	☐☐☐☐
07:	☐☐☐☐	24:	☐☐☐☐
08:	☐☐☐☐	25:	☐☐☐☐
09:	☐☐☐☐	26:	☐☐☐☐
10:	☐☐☐☐	27:	☐☐☐☐
11:	☐☐☐☐	28:	☐☐☐☐
12:	☐☐☐☐	29:	☐☐☐☐
13:	☐☐☐☐	30:	☐☐☐☐
14:	☐☐☐☐	31:	☐☐☐☐
15:	☐☐☐☐	32:	☐☐☐☐
16:	☐☐☐☐	33:	☐☐☐☐
17:	☐☐☐☐	34:	☐☐☐☐

Zone # and Description	Area 1 2 3 4	Zone # and Description	Area 1 2 3 4
35:	☐☐☐☐	42:	☐☐☐☐
36:	☐☐☐☐	43:	☐☐☐☐
37:	☐☐☐☐	44:	☐☐☐☐
38:	☐☐☐☐	45:	☐☐☐☐
39:	☐☐☐☐	46:	☐☐☐☐
40:	☐☐☐☐	47:	☐☐☐☐
41:	☐☐☐☐	48:	☐☐☐☐

Entry Delay:	Exit Delay:
Area 1 is _____ seconds	Area 1 is _____ seconds
Area 2 is _____ seconds	Area 2 is _____ seconds
Area 3 is _____ seconds	Area 3 is _____ seconds
Area 4 is _____ seconds	Area 4 is _____ seconds

10.2 SPECIAL BUTTONS AND FEATURES

One-Touch Buttons:
Place a ✓ if the One-Touch Button is activated.

☐ STAY Stay Arming

☐ FORCE Force Arming

☐ ARM Regular Arming

☐ DISARM Disarm Stay or Instant Arming

☐ BYP Bypass Programming

☐ INSTANT 5 Instant Arming

☐ DISPLAY 6 Backlight

Panic Alarms:
Place a ✓ if the Panic Button is activated and if alarm is silent or audible.

☐ AREA 1 1 & AREA 3 3 Emergency or_____ ☐ Silent ☐ Audible

☐ AREA 4 4 & DISPLAY 6 Auxiliary or_____ ☐ Silent ☐ Audible

☐ EVENT 7 & CHIME 9 Fire or_____ ☐ Silent ☐ Audible

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10.3 USER ACCESS CODES

User Name	Area(s)	Card's Serial #	User Name	Area(s)	Card's Serial #
01:			18:		
02:			19:		
03:			20:		
04:			21:		
05:			22:		
06:			23:		
07:			24:		
08:			25:		
09:			26:		
10:			27:		
11:			28:		
12:			29:		
13:			30:		
14:			31:		
15:			32:		
16:			33:		
17:			34:		

User Name	Area(s)	Card's Serial #	User Name	Area(s)	Card's Serial #
35:			54:		
36:			55:		
37:			56:		
38:			57:		
39:			58:		
40:			59:		
41:			60:		
42:			61:		
43:			62:		
44:			63:		
45:			64:		
46:			65:		
47:			66:		
48:			67:		
49:			68:		
50:			69:		
51:			70:		
52:			71:		
53:			72:		

User Name	Area(s)	Card's Serial #	User Name	Area(s)	Card's Serial #
73:			92:		
74:			93:		
75:			94:		
76:			95:		
77:			96:		
78:					
79:					
80:					
81:					
82:					
83:					
84:					
85:					
86:					
87:					
88:					
89:					
90:					
91:					

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